

## **Amendments to the Claims**

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently amended) A method for matching patients with clinical trials, comprising:
  - receiving acceptance criteria for clinical trials and a series of questions targeted to at least one specific clinical trial at a server, wherein the acceptance criteria for clinical trials and the series of questions targeted to at least one specific clinical trial are provided over the Internet by a system of a clinical trial sponsor or investigator;
  - receiving patient profile information for a patient at the server, the patient profile information submitted over the Internet by a user at a user terminal;
  - comparing the patient profile information with the acceptance criteria for clinical trials stored in a database, the comparison performed by the server; and
  - automatically, determining that the patient prequalifies for any of the clinical trials based on the comparison of the patient profile information with the acceptance criteria;
  - notifying the user that the patient has prequalified for at least one specific clinical trial when the patient prequalifies for any of the clinical trials;
  - presenting to the user the series of questions targeted to the at least one specific clinical trial after determining that the patient prequalifies for any of the clinical trials, wherein the series of questions are provided by the server to the user terminal over the Internet;
  - determining that the patient prequalifies for the at least one specific clinical trial based on responses to the targeted questions;

storing the responses to the targeted questions;

providing the user with an application for the user to request that the patient be a participant in the specific clinical trial at a clinical trial site for the specific clinical trial when the patient prequalifies for the at least one specific clinical trial, wherein the application is provided by the server to the user terminal over the Internet; and

providing the contact information for the clinical trial site when the completed application is accepted ~~by the clinical trial site for the specific clinical trial.~~

2. (Canceled)

3. (Currently amended) The method of claim 61 [[1]], further including providing the user with instructions for enrolling the patient in the specific clinical trial.

4. (Currently amended) The method of claim 61 [[1]], wherein receiving patient profile information further includes asking the user a plurality of questions; and creating a patient profile based on the responses to the plurality of questions.

5. (Previously presented) The method of claim 4, wherein the step of asking the user a plurality of questions includes:

asking one or more static questions;

asking one or more dynamic questions which are selected based on responses to other static and dynamic questions; and

creating the patient profile based on the responses to the static and dynamic questions.

6. (Canceled)

7. (Previously presented) The method of claim 5, wherein static questions, dynamic questions, and targeted questions are provided with a plurality of answer options, and the user may select one or more answer options in order to answer the questions.

8. (Previously presented) The method of claim 7, wherein an answer is submitted in a specified format, the specified format being suitable for evaluation by a computer program process.

9. (Original) The method of claim 8, further including:  
updating the static questions, dynamic questions, or answer options.

10. (Canceled).

11. (Canceled)

12. (Currently amended) The method of claim 61 [[1]], wherein the completed application is submitted to the server.

13. (Previously presented) The method of claim 12, wherein the completed application is forwarded to the clinical trial site.

14. (Previously presented) The method of claim 13, wherein the patient profile is forwarded to the clinical trial site with the completed application.

15. (Previously presented) The method of claim 14, wherein the completed application and patient profile forwarded to the clinical trial site includes a patient ID number, but does not include the patient's name to protect the privacy of the patient.

16. (Previously presented) The method of claim 15, further including:  
notifying the clinical trial sponsor when the completed application is submitted to the clinical trial site.

17. (Currently amended) The method of claim 61 [[1]], wherein a search engine is provided that allows a search for medical information before selecting a clinical trial.

18. (Currently amended) The method of claim 61 [[1]], wherein the acceptance criteria includes geographic location.

19. (Currently amended) A system for matching patients with clinical trials, comprising:  
a server connected to the Internet;  
a data storage device included in the server;  
a database located in the data storage device, the database storing patient profile information for a patient and acceptance criteria for a plurality of clinical trials

a system of a clinical trial sponsor or investigator for providing the acceptance criteria for clinical trials and a series of questions targeted to at least one specific clinical trial to the server over the Internet; and

a user terminal for providing the patient profile information for the patient to the server over the Internet;

the server comparing the patient profile information with the acceptance criteria for the clinical trials stored in the database;[[,]] automatically, determining that the patient prequalifies for any of the clinical trials based on the comparison of the patient profile information with the acceptance criteria; notifying the user that the patient has prequalified for at least one specific clinical trial when the patient prequalifies for any of the clinical trial; presenting to the user the series of questions targeted to the at least one specific clinical trial after determining that the patient prequalifies for any of the clinical trials, wherein the series of questions are provided by the server to the user terminal over the Internet;[[,]] determining that the patient prequalifies for the at least one specific clinical trial based on responses to the targeted questions, storing the responses to the targeted questions;[[,]] providing the user with an application for the user to request that the patient be a participant in the specific clinical trial at a clinical trial site for the specific clinical trial when the user prequalifies for the at least one specific clinical trial, wherein the application is provided by the server to the user terminal over the Internet, and providing the contact information for the clinical trial site when the completed application is accepted by the clinical trial site for the specific clinical trial.

20. (Currently amended) The system of claim 62 [[19]], wherein the database contains at least one of:

- a) diseasehub-disease records;
- b) drug records;
- c) content records;
- d) clinical trial records;
- e) question records;
- f) device records;
- g) patient profile records;
- g) user registration records; and
- g) trial site records.

21. (Original) The system of claim 20, wherein a record in the database contains links to other related records.

22. (Previously presented) The system of claim 20, wherein the server transmits a plurality of questions over the Internet, the server also transmits a plurality of answer choices for each question, the server receives responses, and the server builds a patient profile based on the responses.

23. (Currently amended) The system of claim 62 [[19]], wherein the server retrieves a disease/sub-disease record corresponding to a received disease/sub-disease, the disease/-

sub-disease record containing links to question records, the server retrieving the question records to access questions.

24. (Currently amended) Computer executable software code stored on a computer readable medium, performing a method for matching patients with clinical trials, comprising:

receiving acceptance criteria for clinical trials and a series of questions targeted to at least one specific clinical trial at a server, wherein the acceptance criteria for clinical trials and the series of questions targeted to at least one specific clinical trial are provided over the Internet by a system of a clinical trial sponsor or investigator;

receiving patient profile information for a patient at the server, the patient profile information submitted over the Internet by a user at a user terminal;

comparing the patient profile information with the acceptance criteria for clinical trials stored in a database, the comparison performed by the server; and

automatically, determining that the patient prequalifies for any of the clinical trials based on the comparison of the patient profile information with the acceptance criteria;

notifying the user that the patient has prequalified for at least one specific clinical trial when the patient prequalifies for any of the clinical trials;

presenting to the user the series of questions targeted to the at least one specific clinical trial after determining that the patient prequalifies for any of the clinical trials, wherein the series of questions are provided by the server to the user terminal over the Internet;

determining that the patient prequalifies for the at least one specific clinical trial based on responses to the targeted questions;

storing the responses to the targeted questions;

providing the user with an application for the user to request that the patient be a participant in the specific clinical trial at a clinical trial site for the specific clinical trial when the patient prequalifies for the at least one specific clinical trial, wherein the application is provided by the server to the user terminal over the Internet; and

providing the contact information for the clinical trial site when the completed application is accepted ~~by the clinical trial site for the specific clinical trial.~~

25. (Canceled)

26. (Canceled)

27. (Canceled)

28. (Canceled)

29. (Canceled)

30. (Canceled)

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41. (Canceled)

42. (Canceled)

43. (Canceled)

44. (Canceled)

45. (Canceled)

46. (Canceled)

47. (Canceled)

48. (Currently amended) The system of claim 62 [[19]], wherein the completed application is submitted to the server.

49. (Previously presented) The system of claim 48, further comprising the server forwarding to the completed application to the clinical trial site.

50. (Previously presented) The system of claim 49, further comprising the server forwarding the registration information to the clinical trial site with the completed application.

51. (Previously presented) The system of claim 50, wherein the completed application and registration information forwarded to the clinical trial site includes a patient ID number, but does not include the patient's name to protect the privacy of the patient.

52. (Previously presented) The system of claim 51, further including:

the server notifying the clinical study sponsor when the completed application is submitted to the clinical trial site.

53. (Currently amended) The system of claim 62 [[19]], further comprising, providing a search engine that allows a search for medical information before selecting a clinical study.

54. (Canceled)

55. (Currently amended) The computer executable software code of claim 63 [[24]], wherein the completed application is submitted to the server.

56. (Previously presented) The computer executable software code of claim 55, further comprising the forwarding to the completed application to the clinical trial site.

57. (Previously presented) The computer executable software code of claim 56, further comprising the forwarding the registration information to the clinical trial site with the application.

58. (Currently amended) The computer executable software code of claim 63 [[24]], wherein the completed application and registration information forwarded to the clinical trial site includes a patient ID number, but does not include the patient's name to protect the privacy of the patient.

59. (Previously presented) The computer executable software code of claim 58, further including: the server notifying the clinical study sponsor when the completed application is submitted to the clinical trial site.

60. (Currently amended) The computer executable software code of claim 63 [[24]], further comprising providing a search engine that allows a search for medical information before selecting a clinical study.

61. (New) A method for matching patients with clinical trials, comprising:  
receiving acceptance criteria for clinical trials and a series of questions targeted to at least one specific clinical trial at a server, wherein the acceptance criteria for clinical trials and the series of questions targeted to at least one specific clinical trial are provided over the Internet by a system of a clinical trial sponsor or investigator;

receiving patient profile information for a patient at the server, the patient profile information submitted over the Internet by a user at a user terminal;

comparing the patient profile information with the acceptance criteria for clinical trials stored in a database, the comparison performed by the server; and

automatically, determining that the patient prequalifies for any of the clinical trials based on the comparison of the patient profile information with the acceptance criteria;

notifying the user that the patient has prequalified for at least one specific clinical trial when the patient prequalifies for any of the clinical trials;

presenting to the user the series of questions targeted to the at least one specific clinical trial after determining that the patient prequalifies for any of the clinical trials, wherein the series of questions are provided by the server to the user terminal over the Internet;

determining that the patient prequalifies for the at least one specific clinical trial based on responses to the targeted questions; and

storing the responses to the targeted questions.

62. (New) A system for matching patients with clinical trials, comprising:

a server connected to the Internet;

a data storage device included in the server;

a database located in the data storage device, the database storing patient profile information for a patient and acceptance criteria for a plurality of clinical trials

a system of a clinical trial sponsor or investigator for providing the acceptance criteria for clinical trials and a series of questions targeted to at least one specific clinical trial to the server over the Internet; and

a user terminal for providing the patient profile information for the patient to the server over the Internet;

the server comparing the patient profile information with the acceptance criteria for the clinical trials stored in the database; automatically, determining that the patient prequalifies for any of the clinical trials based on the comparison of the patient profile information with the acceptance criteria; notifying the user that the patient has prequalified for at least one specific clinical trial when the patient prequalifies for any of the clinical trial; presenting to the user the series of questions targeted to the at least one specific clinical trial after determining that the patient prequalifies for any of the clinical trials, wherein the series of questions are provided by the server to the user terminal over the Internet; determining that the patient prequalifies for the at least one specific clinical trial based on responses to the targeted questions; and storing the responses to the targeted questions.

63 (New) Computer executable software code stored on a computer readable medium, performing a method for matching patients with clinical trials, comprising:

- receiving acceptance criteria for clinical trials and a series of questions targeted to at least one specific clinical trial at a server, wherein the acceptance criteria for clinical trials and the series of questions targeted to at least one specific clinical trial are provided over the Internet by a system of a clinical trial sponsor or investigator;
- receiving patient profile information for a patient at [[a]] the server, the patient profile information submitted over the Internet by a user at a user terminal;
- comparing the patient profile information with the acceptance criteria for clinical trials stored in a database, the comparison performed by the server; and

automatically, determining that the patient prequalifies for any of the clinical trials based on the comparison of the patient profile information with the acceptance criteria;

notifying the user that the patient has prequalified for at least one specific clinical trial when the patient prequalifies for any of the clinical trials;

presenting to the user the series of questions targeted to the at least one specific clinical trial after determining that the patient prequalifies for any of the clinical trials, wherein the series of questions are provided by the server to the user terminal over the Internet;

determining that the patient prequalifies for the at least one specific clinical trial based on responses to the targeted questions; and

storing the responses to the targeted questions.